

PATENT ABSTRACTS OF JAPAN

(11)Publication number : 04-293931

(43)Date of publication of application : 19.10.1992

(51)Int.Cl.

C08G 73/06

C08L 79/04

G02F 1/35

(21)Application number : 03-332324

(71)Applicant : HOECHST AG

(22)Date of filing : 16.12.1991

(72)Inventor : HEITZ WALTER
NIESSNER NORBERT

(30)Priority

Priority number : 90 4040092 Priority date : 14.12.1990 Priority country : DE

(54) POLY(1,4-PYRIDINIUM) SALT AND ITS USE METHOD

(57)Abstract:

PURPOSE: To obtain the title salt with high refractive index and low optical dispersion and good solubility in org.

solvents by reacting 4-bromo- or 4-chloropyridine with an inorg. compd. in an org. solvent.

CONSTITUTION: 4-Bromopyridine or 4-chloropyridine is reacted with an inorg. compd. (e.g. sodium tetraphenylborate, etc.), in an org. solvent at a temp. within the range of 20-100° C and the anion X⁻ of this inorg. compd. has an average mol.wt. larger than 100 and the cation forms a chloride or bromide being hardly soluble in the org. solvent to obtain a poly(1,4-pyridinium) salt of formula (n is at least 5 and the average mol.wt. of the anion X⁻ is at least 100). A polypyridinium salt with high refractive index and low optical dispersion and good solubility in org. solvents can be obtd. by the above process.

